

Continuity Information for 08/899434

Continuity Data

08/899,434

Parent Data

08899434

Claims Priority from Provisional Application 60022353Claims Priority from Provisional Application 60036186Claims Priority from Provisional Application 60035051**Child Data**

✓09133886 is a division of 08899434

✓09133888 is a division of 08899434

✓09133865 is a division of 08899434

✓09133726 is a division of 08899434

✓09133755 is a division of 08899434

✓09133856 is a division of 08899434

✓09133796 is a division of 08899434

✓09133550 is a division of 08899434

*8 total
pending related
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L31 4072 S E3
 E ILLINOIS/ASN
 L32 4961 S E3
 E TOOL/ASN
 L33 8011 S E3
 L34 1494 S L31 AND L32 AND L33
 L35 1181 S L34 AND (CLOS#### OR SEAL#### OR OPEN#### OR RECLOS####
 OR
 L36 418 S L35 AND (FASTENER### OR ZIPPER#)
 L37 64 S L36 AND TAPE#

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1. 5,875,611, Mar. 2, 1999, Offset **sealing** method for plastic films; Eric P. Plourde, 53/412; 493/213, 214 [IMAGE AVAILABLE]
2. 5,857,786, Jan. 12, 1999, Modular printer system with depleting ribbon supply roll and heated typeholder; Craig R. Randolph, 400/234, 207 [IMAGE AVAILABLE]
3. 5,832,570, Nov. 10, 1998, Peel **seal zipper tape**; Charles C. Thorpe, et al., 24/587, 304 [IMAGE AVAILABLE]
4. 5,774,954, Jul. 7, 1998, Peel **seal zipper tape**; Ronald L. Ramsey, et al., 24/587, 304 [IMAGE AVAILABLE]
5. 5,733,085, Mar. 31, 1998, **Fastener** assembly and adhesive composition; Mitsuzo Shida, et al., 411/442; 206/345; 411/966 [IMAGE AVAILABLE]
6. 5,687,899, Nov. 18, 1997, Portable **fastener** driver using inflammable gas; Yuji Dohi, et al., 227/10, 8, 130 [IMAGE AVAILABLE]
7. 5,558,479, Sep. 24, 1996, Wall anchor accommodating **fasteners** of varying thread diameters; James W. McElderry, 411/178, 387.5, 437 [IMAGE AVAILABLE]
8. 5,411,228, May 2, 1995, Cable clip; Joseph E. Morawa, et al., 248/74.5; 174/135, 154; 248/71; 411/437, 970, 999 [IMAGE AVAILABLE]
9. 5,320,268, Jun. 14, 1994, Powered dimple-forming and **fastener**-driving tool; Yury Shkolnikov, et al., 227/66, 8, 148 [IMAGE AVAILABLE]
10. 5,286,152, Feb. 15, 1994, Rivet **fastener** with push-in releasable drive pin; Laura A. Anderson, 411/45, 41 [IMAGE AVAILABLE]
11. 5,273,511, Dec. 28, 1993, Method to improve welding of profiled plastic film or **tape**; Hugo Boeckman, 493/195; 156/251, 256; 383/37, 63, 108; 493/214, 224 [IMAGE AVAILABLE]
12. 5,234,104, Aug. 10, 1993, Carrier **tape** system; Richard D. Schulte, et al., 206/714, 341, 344, 347, 390, 486 [IMAGE AVAILABLE]
13. 5,183,359, Feb. 2, 1993, Rotary **fastener** with anti-strip-out nibs; Gerald D. Barth, 411/188, 161, 959 [IMAGE AVAILABLE]
14. 5,178,903, Jan. 12, 1993, Coated metal **fastener** and method for making same; Geronimo E. Lat, et al., 427/446; 411/446, 903; 427/388.4, 405, 406, 409, 435, 456 [IMAGE AVAILABLE]
15. 5,129,734, Jul. 14, 1992, **Seal** system for block cheese; Donald L. Van Erden, 383/61, 9, 63 [IMAGE AVAILABLE]

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16. 5,093,167, Mar. 3, 1992, Piece for forming carrier **tape**; Hugo Boeckmann, et al., 422/36.5; 174 [IMAGE AVAILABLE]
17. 5,092,684, Mar. 3, 1992, Post-applied **zipper** base with grip strip; Ronald J. Weeks, 383/61, 65; 428/34.3, 43 [IMAGE AVAILABLE]
18. 5,058,228, Oct. 22, 1991, Machine and methods for collating wire nails having shank keyways; Robert W. Wright, et al., 470/128, 129 [IMAGE AVAILABLE]
19. 5,036,571, Aug. 6, 1991, Carrier **tape** and cover applying and removal devices for same; Herbert A. Borst, et al., 29/235, 239, 283.5 [IMAGE AVAILABLE]
20. 5,005,275, Apr. 9, 1991, Carrier **tape** and cover applying and removal devices for same; Herbert A. Borst, et al., 29/235, 243.5; 53/290 [IMAGE AVAILABLE]
21. 4,998,662, Mar. 12, 1991, **Fastener**-driving and batten-positioning machine; Syed R. Hasan, et al., 227/111, 12, 120 [IMAGE AVAILABLE]
22. 4,997,130, Mar. 5, 1991, Air bearing rotary atomizer; Richard Weinstein, 239/222, 224, 424, 700 [IMAGE AVAILABLE]
23. 4,964,774, Oct. 23, 1990, Coated metal **fastener**; Geronimo E. Lat, et al., 411/446, 466, 903 [IMAGE AVAILABLE]
24. 4,958,053, Sep. 18, 1990, Carrier **tape** and method of manufacturing the same; Hugo Boeckmann, et al., 206/714; 220/784 [IMAGE AVAILABLE]
25. 4,897,074, Jan. 30, 1990, Mechanism for joining a carrier **tape** cover to a base strip; Richard K. Knight, 493/381; 53/116, 281, 559; 493/136, 139, 390 [IMAGE AVAILABLE]
26. 4,844,258, Jul. 4, 1989, Wide carrier **tape**; Hugo Boeckmann, et al., 206/714; 220/281 [IMAGE AVAILABLE]
27. 4,842,135, Jun. 27, 1989, Carrier **tape** and cover applying and removal devices for same; Herbert A. Borst, et al., 206/714, 719; 220/281 [IMAGE AVAILABLE]
28. 4,752,171, Jun. 21, 1988, Frictionally welded fastening anchor; Frank V. Pliml, Jr., 411/171; 52/787.11; 156/294; 411/3, 82, 181, 427, 908 [IMAGE AVAILABLE]
29. 4,701,984, Oct. 27, 1987, Printed circuit board support; Stephen G. Wyckoff, 24/573.1, 297; 174/138D [IMAGE AVAILABLE]
30. 4,676,707, Jun. 30, 1987, Friction welded **fastener** system; Steven V. Cearlock, et al., 411/510; 24/683; 411/82 [IMAGE AVAILABLE]
31. 4,657,626, Apr. 14, 1987, Friction welding tool; Steven V. Cearlock, et al., 156/580; 53/317, 329.2; 156/73.5; 228/113 [IMAGE AVAILABLE]
32. 4,615,140, Oct. 7, 1986, Vine tie; Francis G. Frano, 47/44 [IMAGE AVAILABLE]
33. 4,600,344, Jul. 15, 1986, Push-on plastic wing-nut **fastener**; Paul M. Sutenbach, et al., 411/435, 437, 510, 512, 907, 908 [IMAGE AVAILABLE]
34. 4,557,651, Dec. 10, 1985, Clinch nut and assembly machine; Francis C. Peterson, 411/181; 29/524.1; 411/38, 103, 113, 180 [IMAGE AVAILABLE]
35. 4,525,904, Jul. 2, 1985, RF gasket retainer clip; Hector D. Petri,

24/458, 297; 174/35GC; 248/73; 411/508 [IMAGE AVAILABLE]

36. 4,518,293, May 21, 1986, Tube connector; George C. Pleickhardt, et al., 411/107; 16/42T; 411/180, 182, 527 [IMAGE AVAILABLE]

37. 4,477,307, Oct. 16, 1984, Friction welded **fastener** system; Steven V. Cearlock, et al., 156/580; 24/297, 456, 693; 156/73.5, 359, 378; 411/82 [IMAGE AVAILABLE]

38. 4,295,003, Oct. 13, 1981, Threaded screw mounting means; Jesus Borja, et al., 174/53; 439/359 [IMAGE AVAILABLE]

39. 4,293,261, Oct. 6, 1981, Reinforcing **sealing** sheet metal **fastener** anchor; Francis G. Frano, 411/85, 437 [IMAGE AVAILABLE]

40. 4,279,341, Jul. 21, 1981, **Fastener** strip; George C. Pleickhardt, 206/345, 390, 820; 411/437, 527 [IMAGE AVAILABLE]

41. 4,218,794, Aug. 26, 1980, Hole-drilling and **fastener**-driving combination tool; Bernd Seidel, et al., 7/138; 30/158 [IMAGE AVAILABLE]

42. 4,156,395, May 29, 1979, High-speed planting method and machine; Bryant Edwards, et al., 111/105; 47/73, 86; 111/111, 136, 170; 414/413, 417 [IMAGE AVAILABLE]

43. 4,136,599, Jan. 30, 1979, Plastic screw grommet; Victor S. Hammer, Jr., 411/16, 913 [IMAGE AVAILABLE]

44. 4,135,777, Jan. 23, 1979, Tilttable terminal clamp assembly; Gerald D. Barth, 439/782 [IMAGE AVAILABLE]

45. 4,099,616, Jul. 11, 1978, Two-bottle package and bag; Julius Mindaugas Klygis, 206/427 [IMAGE AVAILABLE]

46. 4,085,651, Apr. 25, 1978, Plastic **fastener**; Richard A. Koscik, 411/43, 41 [IMAGE AVAILABLE]

47. 4,083,289, Apr. 11, 1978, Plastic **fastener**; Lloyd A. Erickson, 411/16, 43 [IMAGE AVAILABLE]

48. 4,082,030, Apr. 4, 1978, Plastic screw grommet; Lloyd A. Erickson, 411/15, 913 [IMAGE AVAILABLE]

49. 4,072,081, Feb. 7, 1978, Tension indicating washer unit; Gary M. Curtis, et al., 411/10 [IMAGE AVAILABLE]

50. 4,053,084, Oct. 11, 1977, Filler plug; Bruce W. Anderson, 220/229; 137/849; 220/268, 284, 789, DIG.19 [IMAGE AVAILABLE]

51. 4,031,832, Jun. 28, 1977, Planting system; Bryant Edwards, 111/114; 47/66.1, 73, 77; 111/92, 106 [IMAGE AVAILABLE]

52. 4,028,987, Jun. 14, 1977, Self-drilling screws; Robert Neil Wilson, 411/387.2; 408/224; 411/387.4, 416, 426 [IMAGE AVAILABLE]

53. 4,015,505, Apr. 5, 1977, One sided **fastener** device; Pierre Charles Murray, 411/80.6, 915 [IMAGE AVAILABLE]

54. 3,993,410, Nov. 23, 1976, Rod retainer; Ernest Harold Lindsay, Jr., 403/13, 71 [IMAGE AVAILABLE]

55. 3,954,243, May 4, 1976, Support **fastener**; Larry L. Sharp, et al., 248/235, 222.11 [IMAGE AVAILABLE]

56. 3,939,752, Feb. 24, 1976, **Fastener** structure; Richard A. Koscik, 411/548, 508 [IMAGE AVAILABLE]

57. 3,916,055, Oct. 28, 1975, Adhesive attachment system for decorative

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58. 3,905,270, Sep. 16, 1975, One-piece fastening element; Klaus
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59. 3,830,134, Aug. 20, 1974, **SEALED** EXPANSION ANCHOR; Lloyd Arthur
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60. 3,826,458, Jul. 30, 1974, **PLASTIC FASTENER**; Julian Vernon
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61. 3,667,222, Jun. 6, 1972, POWER DEVICE; Oliver E. Saari, 60/412;
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62. 3,661,313, May 9, 1972, POWER DEVICE HAVING IMPROVED FEED MECHANISM;
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63. 3,661,312, May 9, 1972, DETECTION AND CUTOFF MECHANISM FOR POWER
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64. 3,636,707, Jan. 25, 1972, POWER DEVICE; Oliver E. Saari, et al.,
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